

1    **CLAIM 5:**

2            A structure for utilizing air currents to drive a rotor mechanism comprising:

3            (a)    a housing member having an internal chamber formed in part by a first  
4    outer surface on said housing and a second outer surface on said housing, and wherein  
5    said first outer surface is translucent to admit sunlight through said first outer surface to  
6    said internal chamber and wherein said housing member has an air inlet opening to admit  
7    external air from spatial areas outside said internal chamber into said internal chamber, and  
8    an air outlet opening to emit air from said internal chamber to spatial areas outside said  
9    chamber;

10          (b)    air-driven rotor member having a central rotatable axle affixed to a position  
11    adjacent said air outlet opening, said rotor member having a set of rotor blades affixed to a  
12    portion of said rotatable axle for receiving incoming wind from spatial areas outside said  
13    chamber and wherein said rotatable axle has a second set of rotor blades to receive the  
14    impact of air escaping from said internal chamber in said housing through said air outlet  
15    opening.

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1    **CLAIM 6:**

2           A structure for utilizing heat generated air currents and wind power to drive a  
3   rotor mechanism comprising:

4           (a)    a housing member having a first outer surface and a second outer surface  
5   member having an internal chamber adjacent said first outer surface within said housing  
6   member, with said first surface being translucent to admit sunlight into said chamber, and  
7   wherein said housing member has an air inlet opening and an air outlet opening, said air  
8   inlet opening and said air outlet opening both extending between said internal chamber and  
9   spatial areas outside said housing;

10          (b)    first air movement sensitive rotor means affixed on a rotor shaft movement  
11   adjacent to said air outlet opening to receive the air flow emitted from said air outlet  
12   opening from said chamber for rotating said rotor shaft;

13          (c)    second air movement rotor means affixed to said rotor shaft to be driven by  
14   wind currents from outside said housing member.

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1 **CLAIM 7:**

2 A structure for utilizing heat generated air currents and wind power to drive a  
3 rotor mechanism comprising:

4 (a) a housing member having an internal chamber formed in part by a first  
5 outer surface on said housing and a second outer surface on said housing, and wherein  
6 said first outer surface is translucent to admit sunlight through said first outer surface to  
7 said internal chamber and wherein said housing member has an air inlet opening to admit  
8 external air from spatial area outside said chamber into said chamber, and an air outlet  
9 opening to eject air from said internal chamber.

10 (b) first air movement sensitive rotor means affixed on a rotor shaft movement  
11 adjacent to said air outlet opening to receive the air flow emitted from said air outlet  
12 opening from said chamber for rotating said rotor shaft;

13 (c) second air movement rotor means affixed to said rotor shaft to be driven by  
14 wind currents from outside said housing member;

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18 Patents:SolaWind.Doc

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